

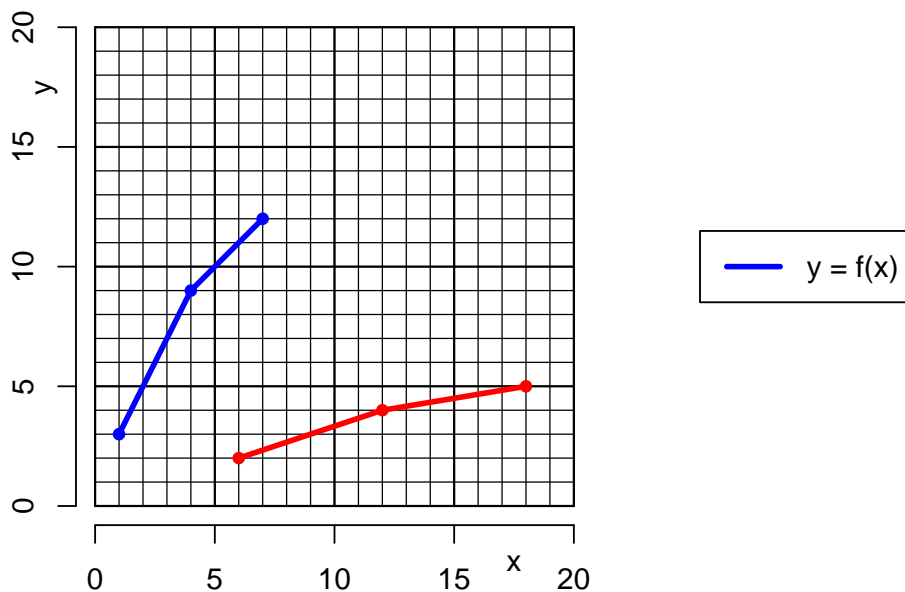
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 49)

Question 1

Curve $y = f(x)$ contains points $(1, 3)$ and $(4, 9)$ and $(7, 12)$, as shown on the x - y plane below.

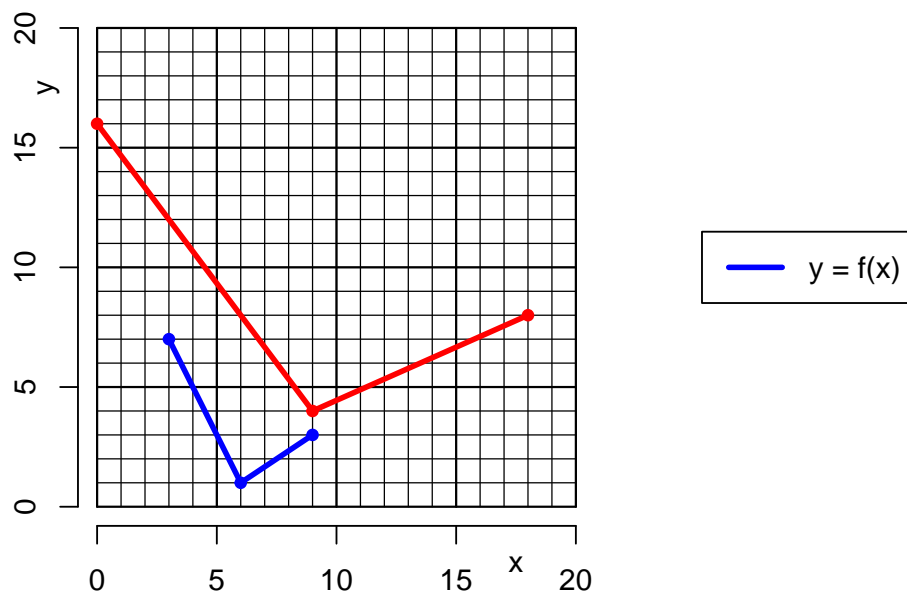


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-4}{2}\right] + 3}{3}$$

Question 2

Curve $y = f(x)$ contains points $(3, 7)$ and $(6, 1)$ and $(9, 3)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 2 \left(f \left[\frac{x}{3} + 3 \right] + 1 \right)$$